

FORM PTO-1390
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

9694-000003/NP

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/502457

INTERNATIONAL APPLICATION NO.
PCT/US03/03357INTERNATIONAL FILING DATE
04 February 2003 (4.02.2003)PRIORITY DATE CLAIMED
05 February 2002 (5.02.2002)

TITLE OF INVENTION DATA STORAGE SYSTEM

APPLICANT(S) FOR DO/EO/US WILSON, Kirk Donald, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:
Return Postcard; Express Mail Certificate No. EV 533 148 250 US; Copy of Int'l Search Report for PCT/US03/03357; Copy of PCT/IB/308 for PCT/US03/03357; 21 Sheets of Drawings (showing Figs. 1-26)

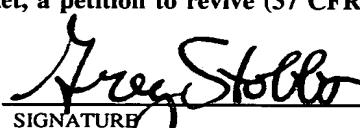
U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/502457	INTERNATIONAL APPLICATION NO. PCT/US03/03357	ATTORNEY'S DOCKET NUMBER 9694-000003/NP
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21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =	CALCULATIONS PTO USE ONLY \$ 100.00																									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 0.00																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:15%;">RATE</th> <th style="width:30%;">\$</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td style="text-align: center;">27 - 20 =</td> <td style="text-align: center;">7</td> <td style="text-align: center;">x \$18.00</td> <td style="text-align: right;">\$ 126.00</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">3 - 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$86.00</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: center;">+ \$290.00</td> <td style="text-align: right;">\$ 290.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$ 516.00</td> </tr> </tbody> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	27 - 20 =	7	x \$18.00	\$ 126.00	Independent claims	3 - 3 =	0	x \$86.00	\$ 0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$ 290.00	TOTAL OF ABOVE CALCULATIONS =				\$ 516.00	\$ 0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																						
Total claims	27 - 20 =	7	x \$18.00	\$ 126.00																						
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TOTAL OF ABOVE CALCULATIONS =				\$ 516.00																						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$ 0.00																									
SUBTOTAL =	\$ 516.00																									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	\$ 0.00																									
TOTAL NATIONAL FEE =	\$ 516.00																									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +	\$ 0.00																									
TOTAL FEES ENCLOSED =	\$ 516.00																									
; .	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;">Amount to be refunded:</td> <td style="width:20%; text-align: center;">\$</td> </tr> <tr> <td>charged:</td> <td style="text-align: center;">\$</td> </tr> </table>	Amount to be refunded:	\$	charged:	\$																					
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- a. A check in the amount of \$ 516.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
 Gregory A. STOBBS
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 Bloomfield Hills, MI 48303
 United States of America



 SIGNATURE
 Gregory A. STOBBS

 NAME
28,764

 REGISTRATION NUMBER
 DATED: July 22, 2004

10/502457

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail No.: EV 533 148 250 US

Date of Deposit: 22 July 2004

Application No.: Not yet assigned – 371 of PCT/JP03/03357

International
Filing Date: 04 Feb 2003

Applicant: Kirk Donald WILSON, et al.

Title: DATA STORAGE SYSTEM

Attorney Docket: 9694-000003/NP

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

EXPRESS MAIL TRANSMITTAL

The following papers are being deposited with the United States Postal Service Express Mail Post Office To Addressee on 22 July 2004 and addressed for receipt by the United States Patent and Trademark Office:

1. Express Mail Transmittal (Label No. EV 533 148 250 US);
2. Check in the amount of \$516.00;
3. Transmittal Letter to the US Designated/Elected Office Concerning a Filing Under 35 USC 371 (2 pages, in duplicate);
4. Application Data Sheet (3 pages);
5. English Translation of International Application (35 pages);
6. Formal Drawings showing Figs. 1-26 (21 pages);
7. Information Disclosure Statement; IDS Form 1449 and Copy of International Search Report;
8. Copy of PCT/IB/308 for PCT/JP03/03357; and
9. Return Postcard.

HARNES, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600


Valeri L. Mangindin